Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 24 May 2021 until 23:59 on Tuesday 25 May 2021

Forecast Issued on Monday 24 May 2021 at 02:08

Confidence: High for overall theme, low for location and intensity of thundery showers.

Headline for Monday 24 May 2021: A showery day, heavy at times with a low risk of thunder.

Mountain weather hazards on Monday 24 May 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
Low Likelihood

Poor visibility
Low Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Cloudy	Cloudy	Sunny intervals	Cloudy
Precipitation probability					
20%	20%	40%	50%	40%	10%

Forecast for Monday 24 May 2021

Weather: Widespread low cloud on the summits in the early hours of the morning with drizzle for most areas and some heavier bursts of rain in the north west of the area. Cloud lifting and breaking early morning, but slow moving showers then starting to develop, turning heavier in the afternoon with a low risk of thunder and hail predominantly towards the south. Showers will slowly ease into the evening but scattered cloud will linger overnight.

Chance of cloud free mountain/hill tops above 600m: 30% increasing to 90% in the morning.

Visibility: Poor on summits at first with widespread cloud base 300-400m. Very good for the remainder of the day, but sharp deteriorations possible in showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 24 May 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/21 SW	12/18 SW	8/13 SW	9/14 NW	11/17 W	10/19 W	11/18 SW
300	9/18 SW	8/16 SW	6/12 W	7/14 NW	8/17 W	8/18 W	5/14 W
Valley	6/14 SW	6/13 SW	5/10 W	8/15 SW	9/18 W	3/11 SW	4/13 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-2	4/0	6/3	7/4	7/4	4/1	4/1
300	6/3	7/5	9/8	10/8	9/7	6/3	6/4
Valley	7/5	9/7	10/9	11/10	11/9	5/4	7/6
Freezing Level*	1100m	1100m	1200m	1200m	1200m	1100m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Feeling cold on the summits at first in low cloud and drizzle, but quickly improving. Best conditions in the morning again as thundery downpours may develop quickly during the afternoon. These showers may be slow moving giving prolonged periods of rain and waterproof equipment required.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 24 May 2021	9.6mm	9.6mm	36.8mm

Forecast for Tuesday 25 May 2021

Weather: Mainly clear skies overnight, turning cloudy by dawn as a band of low cloud moves in from the west bringing heavy rain and poor visibilities across the hills, clearing around midday. The afternoon will see some sunny spells with isolated showers, but the wind will also increase again so it will feel cold and blustery.

Maximum wind: West-northwesterly 15mph gusting 30-35 mph.

Chance of cloud free mountain/hill tops above 600m: 60% during the morning, 95% by the afternoon.

Visibility: Moderate to poor in the morning in rain and drizzle, cloud bases lowering to 400m at times. Very good to excellent in the afternoon.

Temperature: **Valleys:** Plus 7 Celsius becoming Plus 11 Celsius
At 600m: Plus 6 Celsius
Freezing level: Above summits.

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